

On page 10, line 17, after "embodiment", insert --(Figs. 3-5)--.

On page 10, line 18, replace "latter" with --cartridge--.

IN THE DRAWINGS

Please amend Figs. 7-9 as shown in red ink on the attached sheets. These changes are believed to overcome the Examiner's objections to the drawings under 37 CFR §§ 1.84(p)(5) and 1.83(a).

IN THE CLAIMS

Kindly cancel claim 1, amend claims 2-12, and add claims 13 as follows:

2. (Amended) Injection cartridge according to Claim [1] 13, [characterized in that the first element (49) is obtained using] wherein the receptacle is a type I medical-grade glass.

3. (Amended) Injection cartridge according to Claim [1] 13, [characterized in that] wherein the [second element (50)] envelope is made of a plastic material which possesses the following characteristics:

- withstands a sterilization operation at high temperature,
- is approved for pharmaceutical applications,
- is insensitive to the temperature deviations,
- is translucent, even transparent, and, if appropriate, tinted.

4. (Amended) Injection cartridge according to Claim [1] 13, [characterized in that the first element (49), overall] wherein the cartridge is of substantially cylindrical shape, and includes, at each end, [an] a respective orifice [(29, 30)], one [(30)] of the orifices having a diameter substantially equivalent to the diameter of a rod [(17)] of

B4 the percussion member, while the other orifice [(29) of small diameter, in particular of the order of a few tenths of a millimetre,] serves as a nozzle.

B5 5. (Twice Amended) Injection cartridge according to claim [1] 13, further including, at one of its ends, means [(51)] permitting [the] engagement and fixing of the [said] cartridge on [the nose] an end of the injection device.

B6 6. (Amended) Injection cartridge according to Claim 5, [characterized in that] wherein the means [(51)] permitting [the] engagement and fixing are formed during [the covering, overmoulding operation] moulding by way of a plurality of studs [(52)] which project radially and are arranged along the diameter of the [said] cartridge [(28)], these studs cooperating with [the] bayonets provided at [the] an end [(53)] of the injection device.

B7 7. (Twice Amended) Injection cartridge according to claim [1] 13, further comprising an end [(54)] of the cartridge [(28)] that is covered by [a] an end cap [(55)] provided at its [centre] center with an elastomeric seal [(56), in particular of silicone].

Sub C2
B8 8. (Amended) [Injection cartridge according to Claim 7, characterized in that] In a needle-free single use injection device of a pharmaceutical product, the device having a cap relatively movable relative to a device body for triggering a percussion member contained in the body, a cartridge mounted to an end of the device opposite the cap, the cartridge containing the product and driven by the percussion member, and the cartridge comprising:

a receptacle of preselected material and containing a single use quantity of the pharmaceutical product;

a single orifice formed in the receptacle for providing an exit for a jet of injected pharmaceutical product;

an envelope made of a preselected material and molded over the receptacle;

an end cap removably covering an end of the cartridge that includes the single orifice;

an elastomeric seal located in a central portion of the end cap for sealing the orifice;

and further wherein the end cap [(55)] has lateral walls [(57)] which enclose the end of the [said] cartridge [(28)], the [said] walls [(57)] being provided, at their ends, with raised zones [(58)] allowing them to be clipped into impressions [(59)] provided on the outer lateral walls of the [said] cartridge [(28)], thus ensuring that the end cap [(55)] is held on the cartridge.

9. (Twice Amended) [Injection cartridge according to claim 7, wherein an upper] In a needle-free single use injection device of a pharmaceutical product, the device having a cap relatively movable relative to a device body for triggering a percussion member contained in the body, a cartridge mounted to an end of the device opposite the cap, the cartridge containing the product and driven by the percussion member, and the cartridge comprising:

a receptacle of preselected material and containing a single use quantity of the pharmaceutical product;

a single orifice formed in the receptacle for providing an exit for a jet of injected pharmaceutical product;

an envelope made of a preselected material and molded over the receptacle;

an end cap removably covering an end of the cartridge that includes the single orifice;

B9
an elastomeric seal located in a central portion of the end cap for sealing the orifice;

and further wherein an outer wall [(60)] of the end cap [(55)] forms a grip zone which allows [the] a user to position [the] studs [(52)] of the cartridge [(28)] in line with [the] bayonets of the injection device.

Sub C4
10. (Amended) [Injection cartridge according to Claim 7, characterized in that] In a needle-free single use injection device of a pharmaceutical product, the device having a cap relatively movable relative to a device body for triggering a percussion member contained in the body, a cartridge mounted to an end of the device opposite the cap, the cartridge containing the product and driven by the percussion member, and the cartridge comprising:

a receptacle of preselected material and containing a single use quantity of the pharmaceutical product;

B10
a single orifice formed in the receptacle for providing an exit for a jet of injected pharmaceutical product;

an envelope made of a preselected material and molded over the receptacle;

an end cap removably covering an end of the cartridge that includes the single orifice;

an elastomeric seal located in a central portion of the end cap for sealing the orifice;

and further wherein the elastomeric seal [(56)] is obtained during simultaneous moulding operation [of moulding] of the cap [(55)].

11. (Amended) [Injection cartridge according to Claim 7, characterized in that] In a needle-free single use injection device of a pharmaceutical product, the device having a cap relatively movable relative to a device body for triggering a percussion member

contained in the body, a cartridge mounted to an end of the device opposite the cap, the cartridge containing the product and driven by the percussion member, and the cartridge comprising:

a receptacle of preselected material and containing a single use quantity of the pharmaceutical product;

a single orifice formed in the receptacle for providing an exit for a jet of injected pharmaceutical product;

an envelope made of a preselected material and molded over the receptacle;

an end cap removably covering an end of the cartridge that includes the single orifice;

an elastomeric seal located in a central portion of the end cap for sealing the orifice;

and further wherein the elastomeric seal [(56)] is attached and fitted by force into [an orifice (61)] a recess provided [on the] in an internal [wall (62)] surface of the end cap [(55)].

12. (Twice Amended) [Injection cartridge according to claim 1,] In a needle-free single use injection device of a pharmaceutical product, the device having a cap relatively movable relative to a device body for triggering a percussion member contained in the body, a cartridge mounted to an end of the device opposite the cap, the cartridge containing the product and driven by the percussion member, and the cartridge comprising:

a receptacle of preselected material and containing a single use quantity of the pharmaceutical product;

a single orifice formed in the receptacle for providing an exit for a jet of injected pharmaceutical product;

an envelope made of a preselected material and molded over the receptacle;